

**AASHTO T255-00**  
**TOTAL EVAPORABLE MOISTURE CONTENT**  
**OF AGGREGATE BY DRYING**

<b>APPARATUS</b>		
	<b>Test 1</b>	<b>Test 2</b>
1. <u>Source of heat:</u> A. If close temperature control <u>is</u> required: (1) Ventilated oven, maintains 110±5°C (230±9°F) B. If close temp. control <u>is not</u> required (One of the following): (1) Electric or gas hot plate? <b>or</b> (2) Electric heat lamps? <b>or</b> (3) Ventilated microwave oven?		
2. <u>Sample container:</u> (a) Not affected by heat? (Nonmetallic for microwave use) (b) Of sufficient volume? (c) Of such shape that depth of sample does not exceed 1/5 of least lateral dimension?		
3. <u>Stirrer</u> , metal spoon or spatula of convenient size?		
4. <u>Balance</u> , readable to 0.1% of sample mass or better?		
<b>PROCEDURE</b>		
	<b>Test 1</b>	<b>Test 2</b>
1. Representative test sample obtained?		
2. Test sample mass conforms to following:? No. 4 - .5 kg, 3/8 in. - 1.5 kg, 1/2 in. - 2 kg, 3/4 in. - 3 kg, 1 in. - 4 kg, 1 1/2 in. - 6 kg, 2 in. - 8 kg, 2 1/2 in. - 10 kg		
3. Mass determined to nearest 0.1 percent of original dry mass?		
4. Loss of moisture avoided prior to determining the mass?		
5. Sample dried by a suitable heat source? Heat source: _____		
6. If heated by means other than a controlled temperature oven, is sample stirred to avoid localized overheating? (Stirring optional for microwave use)		
7. Sample dried to constant mass and mass determined to the nearest 0.1 percent of the total original dry sample mass?		

**Date Tested:** \_\_\_\_\_ **Person Assessed:** \_\_\_\_\_ **Assessor:** \_\_\_\_\_

**Retest Date:** \_\_\_\_\_ **Assessor:** \_\_\_\_\_